



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

April 2013, Volume 74 Number 4

club web site is www.halifax-arc.org



For Last Minute Meeting Status See the
Banner on the H.A.R.C. Web Page



HARC Club Station phone number - 490-6421

Executive

President - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca
First V.P. - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.ca
2nd V.P. - Doug LeBlanc, VE1LDL	465-4665	leblanc@accesscable.net
Secretary - Jeremy Fowler, VE1JHF		VE1JHF@Gmail.com
Treasurer - John Goodwin, VE1CDD	865-5731	VE1CDD@eastlink.ca
Co-Treasurer - Jim Guilford, VE1JG	466-2124	jimguilford@gmail.com
Director-at-Large - Ian Pierce VE1IGP		
Club Station Mgr. - Jim Flowers, VE1JIM	443-8657	ve1jim@ns.sympatico.ca
Past President - Fraser MacDougal, VE1WO	865-4198	fmac@eastlink.ca

Committees/Offices/Prime Contacts

Government and Media Relations - Murray MacDonald, VE1BB
QSL Bureau Mgr - Tom Caithness, VE1GTC 477-7081 tom.caithness@ns.sympatico.ca
EMO Coordinator - Dave George, VE1AJP 466-8723 dgeorge@dal.ca
EMO Trailer coordinator - David Musgrave, VE1EDA 435-4333 ve1eda@rac.ca
Reflector editor - Lynn Bowser, VE1ENT 865-8567 bowser.elliott@ns.sympatico.ca
Reflector Dist. - Carol Wood, VE1HAZ carolwood@accesswave.ca
Membership - Howard Dickson, VE1DHD dhickson@eastlink.ca
Web page - Brandon, Detmers VA1BSD brandon.detmers@dal.ca
Basic ham course - Erik Hein, VE1JEH 826-7145 bravojehe@gmail.com
2012 Flea market Chair - Murray MacDonald, VE1BB
Callbook Editor - Howard Dickson, VE1DHD, 823-2024 dhickson@eastlink.ca
Field Day coordinator - Brian Allen VE1AZV
Safety Officer - Terry Bigelow, VE1TRB ve1trb@eastlink.ca
NSARA Director - Barry Diggins, VE1TRI 861-3719 ve1tri@rac.ca
Honorary Legal Counsel - Paul Radford, VE1ARH

Non Club Contacts

RAC Atlantic Director - Everett Price, VO1DK vo1dk@rac.ca
RAC Section Manager - Craig Seaboyer, VE1DSS cseaboys@stfx.ca
RAC Assistant Director for HRM Scott Wood, VE1QD, 823-2761 ve1qd@rac.ca

The April, 2013 **General Meeting** of the Halifax Amateur Radio Club will be held Wednesday, April in the Senior's Room on the 1st floor of the St. Andrew's Centre, 3380 Barnstead Lane, Halifax. Social Hour begins at 6:30 p.m. As usual, refreshments will be available.

For our April meeting program - Roger Sturtevant, VE1SKY, will talk about **Adventures on VHF: Working Weak Signals with Rare Propagation.**

Guests are welcome

2013 Membership Incentive Prize Draw

The draw for the Dual Band Alinco Handheld radio that Jim Guilford, VE1JG, donated back to the Club will take place prior to the April Monthly Meeting. The winner will be announced at that time.

HRM EMO Ham Advisory web site is at <http://www.ve1hre.ca>

Deadline for submissions to the May Reflector is Saturday, May 4, 2013

Take-15 Net Controllers

This will be the rotation. We need at least 2 more. **If you want to join**, let Bill Elliott, VE1MR, know.



April 14	Emil	VE1ESP
April 21	Peter	VE1PJW
April 28	Win	VE1WIN
May 5	Erik	VE1JEH
May 12	Doug	VE1LDL
May 19	Bruce	VE1MLW

Puns for Educated Minds . . .

I thought I saw an eye doctor on an Alaskan island, but it turned out to be an optical Aleutian .

She was only a whiskey maker, but he loved her still.

No matter how much you push the envelope, it'll still be stationery.

A dog gave birth to puppies near the road and was cited for littering.

GENERAL INFORMATION



Sunday evenings:
TAKE-15 NET at 8:30 PM

CLUB REPEATERS:
VE1PSR - 147.270 MHz + TX=82.5
VE1PSR/UHF - 444.350 MHz +
VE1PSR/6M - 53.550 MHz -
access tone 151.4 Hz
VE1HNS - 146.940 MHz - TX=82.5
PACKET: VE1NSD 145.050 MHz
LAN NODE

Events for Your Calendar

April 18, World Amateur Radio Day marks the anniversary of the founding of the IARU in 1925

May 26, 2013 – MS Walk.

Contact Tom Caithness, VE1GTC; or Terry Bigelow, VE1TRB, to help with communications

June 1 – Downeast Flea Market will be held at the St. Andrew's Centre.

For Table Reservations contact Fraser MacDougal, VE1WO, By phone at 865-4198 Or e-mail at fmac@eastlink.ca

June, fourth full weekend -
Field Day 2013

July – Museum Ships Special Event

July - IOTA (Islands on the Air)

July & August – Pizza Nights

Aug. 25, 2013 – Bluenose Auto Sport Club Car Rally This year's race will take place on .

July 27/28, 2013 – MS Bike Tour Contact Rick Gardner, VE1RGG, to help with communications

August – NSARA Picnic

August – International Lighthouse & Lightship Weekend

For more information see

<http://www.lighthouse.fsnet.co.uk/events/intlighthouseday.html>

Basic Radio Licensing Course

If you know of anyone who is interested in getting an amateur radio license, please have them get in touch with Erik, VE1JEH

By phone at 826-7145 or by e-mail bravojeh@gmail.com

Message on a leaflet:

IF YOU CANNOT READ, THIS
LEAFLET WILL TELL YOU
HOW TO GET LESSONS

Meeting Cancellation Notification Policy & Procedure:

In the future, if the weather looks bad, before you set out under potentially risky conditions, check the Home Page of the HARC website. If the Executive decides to cancel a meeting, we will activate our streaming red banner on the top of the HARC website Home Page. It will let you know of meeting cancellation and/or other important information for Club members. So, if the weather is bad on Meeting night, before you leave home for the Club meeting, check the Home Page of the HARC website for any update.



New Website Policy & Procedure: Howard Dickson, VE1DHD is the person to whom all website-related materials are to be sent, Howard will do his best to keep the site current.

Please, help us to keep our website a current and valuable asset to our members as well as the rest of the world. The website has now been updated and there are a couple of new features -- have a look.

Howard Dickson (VE1DHD)

If you have First Aid Training you could save someone's life! Go to <http://stjohnambulance.ns.ca> to find out what courses St. John Ambulance offer.

Do you have pictures, an interesting or funny radio-related story, an article or a question you would like to share via the HARC Reflector? Please send it/them to Lynn, at ve1ent@rac.ca Please show "For Reflector" in the "Subject" box so I don't miss it. -ed

Sometimes it's not about having the right answers; it's about asking the right question.



Best wishes to Robyn, ex-YL of Max, VE1IC, Yarmouth who recently spent time in the Halifax Infirmary surviving serious health issues. Here's hoping for Robyn's 100% recovery.

Safety

Some common sense preventative measures - NOT ALL THIEVES ARE STUPID!!

Someone had their car broken into while they were at a football game. Their car was parked on the green which was adjacent to the football stadium and specially allotted to football fans. Things stolen from the car included a garage door remote control, some money and a GPS which had been prominently mounted on the dashboard. When the victims got home, they found that their house had been ransacked and just about everything worth anything had been stolen. The thieves had used the GPS to guide them to the house. They then used the garage remote control to open the garage door and gain entry to the house. The thieves knew the owners were at the football game, they knew what time the game was scheduled to finish and so they knew how much time they had to clean out the house. It would appear that they had brought a truck to empty the house of its contents.

Something to consider if you have a GPS -- don't put your home address in it. Put a nearby address (like a store or gas station) so you can still find your way home if you need to, but no one else would know where you live if your GPS were stolen.

Complete rules for all ARRL-sponsored operating events are available on the ARRL Web site

<http://www.arrl.org/contests/announcements/>

For more information, contact ARRL Contest Branch Manager Dan Henderson, N1ND, n1nd@arrl.org.

PRESIDENT'S MESSAGE: April 2013

Spring is officially here, although the weather is not a convincing testimony to the arrival of a new (and warmer) season! It is also a time when many events in which HARC participates annually will take place. By the time you read this, HARC will have represented Ham Radio at the Shearwater Hobby Show on 6 & 7 April. The MS Walkathon is next on the agenda for 26 May, followed by the Downeast Flea Market on 1 June. Field day on 22 & 23 June is one of our most important activities, and this year will usher in summer. Many more events are scheduled for later in 2013.

However, in order for the Club to participate in these events, we need both a Chair and people to do the work involved. There is a small group of members who can always be depended upon to step forward. My hope is that **everyone** in the Club will make it a point to find some events to participate in and then, with a little experience, one day take on a leadership job. These events, besides being a great expression of our dedication to public service, are also lots of fun and a source of great camaraderie.

This month we have reached outside the HRM, and our own Club members, for our program presenter. Roger Sturtevant, VE1SKY, lives in Bridgetown and is a great communications experimenter on VHF and well-known in our hobby throughout North America. We will try more often to feature in our programs talented operators from other parts of our Maritime region who can share their experience, ideas and dreams. Likewise I have sent our program agenda to other Maritime Clubs in the hope that some of their members may occasionally attend our meeting or may invite one of us to do a program for their Club. There is a need for hams in the Maritimes to be better connected with one another, and this is one step in that direction.

There is an **important item on the business meeting agenda** this month. It relates to a set of proposals that will address our Club's need to properly store our emergency field equipment as well as a variety of other Club inventory that is dispersed in various locations and needs to be brought together in a good, central storage space. The immediate urgency arises from the fact Bloomfield School on Agricola Street, where we now have a lot of materials stored, has been sold and we will need to be out of there this summer.

There are two documents that you can read prior to the meeting that will give you an overview about this issue. One is the power point presentation shown to a small group of members who attended the March Club meeting. The other is some refinement of the ideas presented last month that were stimulated by comments, questions and concerns expressed in various discussions. The latter briefing document was presented to and endorsed by the Executive at our meeting on 3 April. Both of these are accessible on our website.

Finally, we may soon reach the first of what could be two peaks in this very unusual solar cycle. While HF propagation has not attained the highs of past cycles, there is still a lot of interesting DX on the bands, and a lot of exciting DXpeditions underway or planned. Get on the air and enjoy it while you can!

K. Scott Wood, VE1QD

Executive Reports for April, 2013**1st Vice President's Report**

Nothing to report
Bill, VE1MR

Secretary's Report

"Nothing to report."
Jeremy, VE1JHF

Station Manager's Report

Nothing to report
Jim, VE1JIM

Outstanding from the Past President's Message of March 2013

We are still looking for a replacement co-ordinator for the Basic Course which will begin in early September.

The Club also requires a Project Manager for the Proposed Remote HF Station for HARC

Fraser Mac Dougall, VE1WO

Honouring Our Soldiers

In 1943 the Allied invasion of Sicily known as Operation Husky marked the first independent role for Canadian soldiers (the 1st Canadian Infantry Division and the 1st Canadian Army Tank Brigade) in the Second World War. Its success led to the creation of a second major front that ultimately led to the victory of Allied forces in Europe.

25,000 Canadian soldiers fought in Operation Husky and at the time received little recognition at home or on the international stage.

Cost: 562 dead, 2,310 injured, 17 missing

Operation Husky 2013 is a civilian commemorative campaign, supported by Canada Company, that will conduct two large scale ceremonies on key battlefield sites in Sicily on July 10 & July 30, 2013. To learn more or to arrange to participate go to

www.operationhusky2013.ca



February, 2013 – Some 30 hams, spouses & guests ... gathered to enjoy brunch at the Young St. Steak & Stein Restaurant. It was good to see Jeremy's 2 newly-licensed sons among the attendees.



Exaggerations I Owe My Mother

My mother taught me GENETICS.
"You're just like your father."

My mother taught me about my
ROOTS.
"Shut that door behind you. Do you
think you were born in a barn?"



Sign at the golf course: Any persons (except players) caught collecting golf balls on this course will be prosecuted and have their balls removed.

**Are you up to date with your
HARC membership dues?**

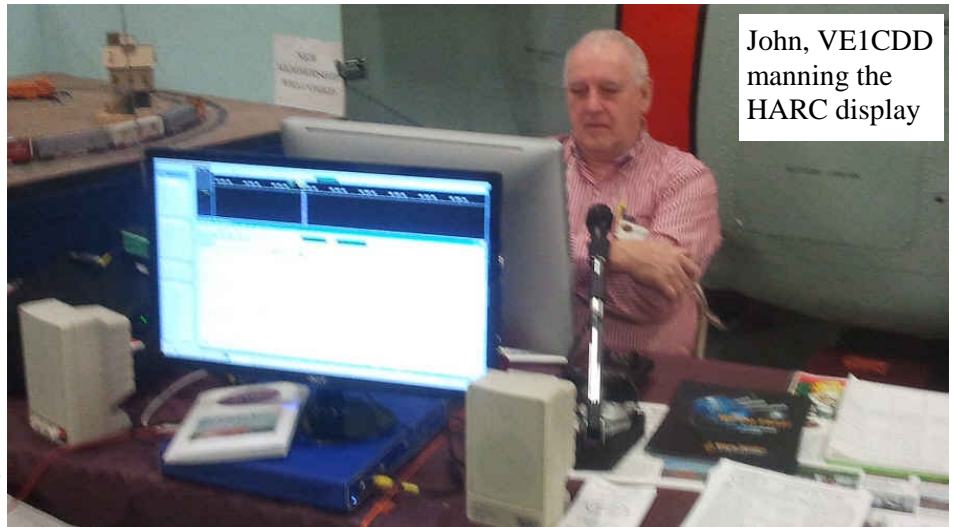
Yearly rates are:

Full = \$30

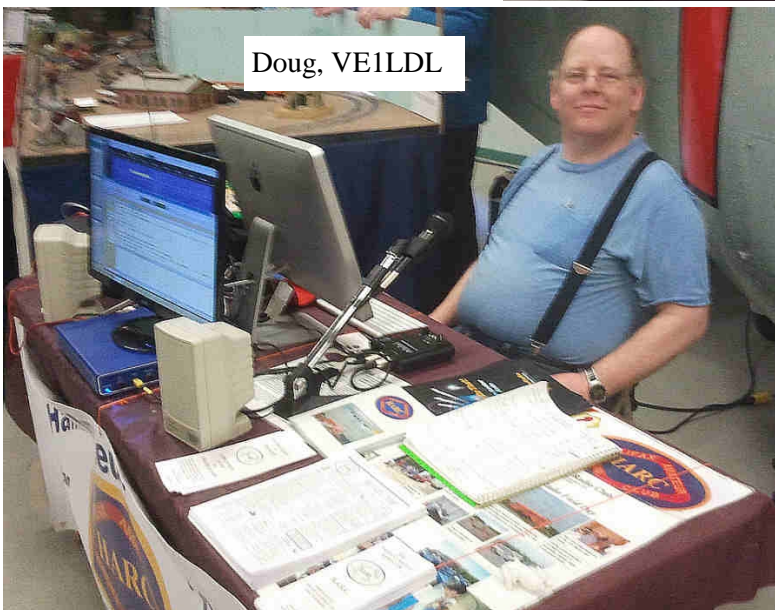
Associate = \$15

Family (2 members) = \$45 + \$15 for each additional family member at the same address (receive only 1 newsletter). Use the Membership form on page 10 of this Reflector or contact Membership Chair Howard Dickson VE1DHD

The 15th Annual Shearwater Hobby Show was held this past weekend. The Halifax ARC had a table at the event. It was located in a high traffic area close to the main entrance. There was a complete HF station set up which included a Flex 3000, 500w amplifier and automatic Antenna Tuner. This enabled us to operate SSB or digital modes. Scott (VE1QD) also brought along his Elecraft KX1 QRP 4 band CW transceiver. We installed the club's new ZeroFive vertical in an enclosed area outside, attached to the museum where it was protected from curious hands.



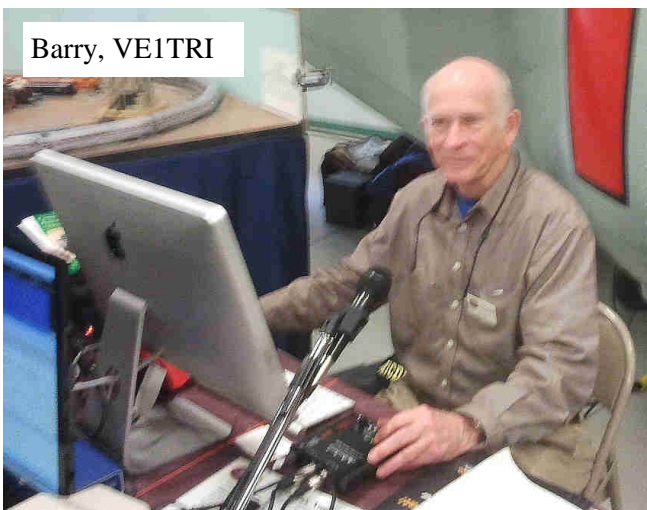
John, VE1CDD
manning the
HARC display



Doug, VE1LDL

Saturday was a very busy day with lots of interested onlookers stopping by and asking lots of questions. Because of all the visitors stopping by, we had no time to operate on Saturday. Sunday was slower, probably due to the nice spring weather outside. Doug (VE1LDL) and I had a little time to make a few contacts. I wish to thank the many club members who stopped by to say hello and give moral support to the event.

Over the two day period, we collected a page of email address from interested visitors who wanted to be contacted before the fall course started. It is surprising how many of the public knew something about amateur radio and had friends or family members involved in the hobby. The people attending the event were generally middle aged. I personally noticed the lack of teenage youth attending the hobby show. Given the amount of competition for their interest and time it is certainly understandable.



Barry, VE1TRI

Was the event a success? My answer would be yes. Many of the visitors learned something about Amateur radio and took away literature about our hobby. Others expressed a keen interest to learn more.

I would personally like to thank all those who helped with the setup and take down and especially those who took many hours of their time to man the booth, also those who dropped by for moral support.

John, VE1CDD

"If toast always lands butter-side down and cats always land on their feet, what happens if you strap toast on the back of a cat?"
~ Steven Wright

To make the most of **our web page** please send photos, notices of events, and ham radio news items, etc. to Howard Dickson, VE1DHD, Howard Dickson e-mail dhickson@eastlink.ca

The HARC Reflector is also available on the web (photos in colour) via www.halifax-arc.org

Halifax Amateur Radio Club

General Meeting Minutes

March 20th, 2013

Meeting called to order 20:25

Members present: QD, AJP, CDD, JG, VA1CC, JEH, UY, HFG, LDL, EDA, RGB, SSK, WO, DHD, JMA, JHF, BMF, GFA, CU, KLF, MR, HAZ, JIM (those signed in, quorum not present at meeting)

Silent Keys: Emile Pellerin VE1EM

Agenda Approval: moved JIM, seconded WO

Minutes of last meeting: Moved DHD, seconded WO

Treasurer's report: (JG) acceptance moved MLW, seconded JIM

Executive reports:

Scott advised about a decision regarding advertising in the Reflector, with funds to go to the Brit Fader scholarship fund.

Scott discussed about getting the call sign VA1GGC for the Girl Guide events.

Scott discussed his pending trip to Dayton with RGB to work on the RAC desk, and his interest in talking to people about ham radio's place in education.

Scott made mention of the Maritime Amateur website and also his involvement in the EMO committee.

There was some discussion about the refreshments being served at the general meetings with regards to diabetes.

Committee Reports:

Nominating committee: Fraser advised that Carol has asked to reduce her duties with regard to Membership and the Reflector, and Fraser advised that Howard has agreed to take over the Membership duties, and Carol will continue looking after the Reflector.

Fraser advised that Murray MacDonald will be looking after the Flea Market and that Fraser had been checking into the rental of some tables for the event, and that the advertising for the Flea Market will com-

mence soon.

Fraser advised the Brian Allen will be chairing the Field Day event this year, and that Brian mentioned that he was in need of someone to take on the food preparation at the event.

Fraser advised that we are still looking for a project manager for the remote station project for the club.

Fraser advised that Murray MacDonald had also agreed to act as the government and media relations person for the club.

Scott put forth a request for someone to act as an Elmer for the CP Allen radio club.

Membership: Carol reported that she did not have the full list with her, but that there were currently 116 full members and the total membership was approximately 147 members.

EMO/SAR - Dave reported that he was not present at the EMO meeting this past week, but that they were still looking to have a voice exercise for EMO preparedness and they would be looking for people to participate.

He then advised that the repairs to the SAR garage had been completed.

He thanked the club for our donation to the ongoing fundraising, and advised that some city councillors had made some funds available as well, but that they were in good shape and ready to roll should the need arise.

Basic Course :-Erik advised that 2 of the attendees from last years course would be writing that coming weekend, and that one had decided on some further study before she was ready to write.

With regards to this years course,

A vulture boards an airplane, carrying two dead raccoons.

The stewardess looks at him and says, 'I'm sorry, sir, only one carriage allowed per passenger.'

he advised that he is ready to go, but that he needed a replacement for Howard as an instructor.

He advised that we have 12 people to attend the upcoming course.

Flea Market: Murray was not in attendance, but Scott reported that everything was well in hand.

Field Day: Brian had to leave, but Scott advised that he had been in touch with Brian with regards to our requirements for field day, and that things were in hand.

No other committee reports.

Scott brought up the idea of "Member News" and invited any member to share with the club anything that they had been working on.

John (CDD) advised that there is something new being tested on the airwaves called Digital Voice. Details could be found at freedv.org.

Old business:

- Internet cable run from upstairs was being looked after by Sheldon and was in the works.

- RAC affiliated club program was discussed and it's benefits as well as the RAC insurance program.

- Remote station: nothing to report.

- Ongoing long term storage requirements and solutions were discussed at length, specifically with regard to the possible purchase of a trailer container. Scott gave a presentation with some photos that he had taken.

- Tom Guam has advised he needs to get rid of the tube bank from his garage as soon as possible.

- There was a brief discussion about the Brit Fader scholarship and about advertising its availability.

- John (CDD) advised about the upcoming Shearwater Hobby Show, and if anyone was interested in working the table at the show please let him know.

- Scott touched briefly on the MS Walk and Bike tour.

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You don't have to have this year's miniaturised, microprocessor-controlled, pushbutton or keyboard selectable radio equipment to enjoy ham radio. See what fully operational gear Jason, VE1PYE plays with in his shack. The top radio on the rack is a RCAF GR-10, below that are two Racal RA-17's, then a Collins HF-2050 and a Motorola power supply.. on the desk is a BC-348, IC-725, Kenwood TL-922 amp and finally a Marconi Marine Apollo receiver.

Jason VE1PYE



Minutes (Continued from page 6)

New Business:

- Maritime Museum's upcoming 100th anniversary of the CSS Acadia upcoming on August 3rd to 5th, and their request to have a radio related display at the museum for the event.
- There was discussion about the upcoming radio display at Mic Mac Mall on 21 September, which was being spearheaded by Dick (AI). Anyone interested in working the display was invited to make themselves known.
- Scott advised that the Maritime Museum has also expressed interest in having a permanent exhibit on maritime communications at the museum, and that Fred Archibald was interested in pulling together some gear for the exhibit.

Door Prize draw:

\$25 Gift Certificate from Sobeys won by VE1GFA, Graham.

50/50 Draw won by VE1DHD, Howard.

Motion to adjourn.

Adjourned at 2137

Respectfully submitted
Jeremy Fowler, VE1JHF
H.A.R.C. Secretary

The Space Station

<http://www.wimp.com/orbitaltour/> will take you to the Space Station and a "personal tour" by Sunita Williams. She explains how all aspects of human needs are handled. It lasts about 25 minutes.

Stella Awards – Outlandish Lawsuits & settlements

Amber Carson of Lancaster, Pennsylvania because a jury ordered a Philadelphia restaurant to pay her \$113,500 after she slipped on a spilled soft drink and broke her tailbone. The reason the soft drink was on the floor: Ms. Carson had thrown it at her boyfriend 30 seconds earlier during an argument.

Visit the NSARA website <http://nsara.ve1cfy.net/>

Photos this issue thanks to: Bill, VE1MR, Doug, VE1LDL and Jason VE1PYE

"Redneck High Tech"

Backup - What you do when you come across a skunk in the woods,

Bug - The reason you gave for calling in sick.

Byte - What your pitbull done to cousin Jethro.

Chip - Pasture muffins that you try not to step in.

Terminal - Time to call the undertaker.

Crash - When you go to Junior's party uninvited.

Digital - The art of counting on your fingers.

Diskette - Female disk dancer.

Hacker - Uncle Leroy after 32 years of smoking.

Internet - Where cafeteria workers put their hair.

Keyboard - Where you hang the keys to the John Deere.

Mac - Big Bubba's favorite fast food

ROM - Where the pope lives

From the Mail Bag



Pics of Feb Ex. Handshake at HRM EOC

As several EMO prople were in town to work on a new Comms course, they dropped over to HRM EOC for Exercise handshake.

go to www.maritimeamateur.ca and select Exercise Handshake off the selection bar.

73, Marc VE1BEL

"Which?" Magazine investigates LED radio interference....

The consumer Magazine Which? has been investigating the radio interference produced by some LED light bulbs.

People have been finding their DAB and FM radios and even their TV no longer receive stations when LED lights are turned on.

Their article appears in the April edition of Which? magazine. Reader feedback can be seen online at: <http://conversation.which.co.uk/energy-home/led-bulb-radio-interference-dab-test/>

From Ken, VY2RU

<http://www.ve1bc.com/files/Manuscript%20VE1FO.pdf>

The latest copy of my history of HARC is on my web site at the above URL. This has the last field day, a note on the loss of HMS BOUNTY, etc. Please take a minute to look it over and let me know anything that is missing, etc. There are now 369 pages. It is not possible to email it to anyone but if one wants a copy I can forward a CD.

Spud VE1BC

If a deaf person has to go to court, is it still called a hearing?

Subject: [ARISS-ops] Ken Pulfer, VE3PU SK

ARISS Team:

It has come to my attention that a good friend and avid ARISS supporter, Ken Pulfer, VE3PU, has passed away. I have included an ARRL article (below) that announces his passing.

Those of you that have been involved with ARISS from the beginning know that Ken was one of the ARISS pioneers. Ken was a member of the first cadre of ARISS delegates and was integral in leading the startup of ARISS.

Ken's intimate knowledge of the space agencies, resulting from his background as a Senior Executive in the Canadian Space Agency, was crucial in helping ARISS formulate the strategies needed to garner support across our international space agency partners. Also, his in-depth understanding of amateur radio policy and connections into the ITU were important factors in helping the ARISS team prepare themselves to develop and operate the unique, multi-national amateur radio platform on ISS that is ARISS. He was a key contributor in guiding the ARISS team in frequency coordination, licensing and callsign strategy. He also was integral in developing ARISS' terms of reference, our policy for assigning delegates, and he led the effort to nominate and elect our first set of officers. I, for one, will certainly miss Ken's leadership and guidance. He helped the ARISS program grow from infancy to the strong, international Educational Outreach program that it is now.

I note that even just a few weeks ago Rosalie White, K1STO and I solicited Ken's guidance on some ITU matters that our ARISS international team were addressing. In all matters, Ken was a "Gentleman's Gentleman"---the "best of the best." His presence and support will be sorely missed by me. And by all in the

ARISS community.

On behalf of the ARISS team, I want to extend our condolences to all Ken Pulfer's family and friends. May Ken Rest in Peace.

Frank H. Bauer, KA3HDO
ARISS International Chairman

ARRL Article on Ken Pulfer's Passing

<http://www.arrl.org/news/j-kenneth-pulfer-ve3pu-sk>

J. Kenneth Pulfer, VE3PU, of Ottawa, Ontario, passed away Sunday, March 31 after a long illness. He was 80. In 1994, Pulfer became the Secretary, then Secretary Treasurer for the Radio Amateurs of Canada (RAC), that country's IARU Member Society. He also served as the RAC's Vice President for Government Affairs and Vice President for International Affairs. When former ARRL Chief Technology Officer Paul Rinaldo, W4RI, retired in 2009, Pulfer took over as Chairman of the ITU Radiocommunication Sector's Working Party 5A Working Group 1, the "home" of the Amateur and Amateur-Satellite Services in the ITU structure. He served as an IARU Technical Representative for 15 years, culminating with the 2012 World Radiocommunication Conference (WRC-12).

"Ken Pulfer was a consummate gentleman and a tireless worker for the IARU," IARU President Tim Ellam, VE6SH, told the ARRL. "His efforts as Chairman of the ITU Working Group culminated with our success at WRC-12 in obtaining a secondary allocation at 472-479 kHz. When Ken announced his retirement at the annual dinner of the International Amateur Radio Club during WRC-12, he received accolades from many of those present, including ITU Secretary General Dr Hamadoun Touré, HB9EHT, and from the heads of a number of dele-

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gations. He was a well-respected member of the ITU community. We will all miss his keen intellect and support of the Amateur Radio Service."

ARRL Chief Executive Officer David Sumner, K1ZZ, recalled two of the many highlights of Pulfer's volunteer career with the IARU: "The first was his extraordinarily patient and dogged effort to secure protections for the Amateur and Amateur-Satellite Service at WRC-03, where an allocation for spaceborne Synthetic Aperture Radars (SARs) was created at 432-438 MHz. The story is told in Ken's own words in the September 2003 issue of QST. The constraints placed on SARs include significant protection for amateur satellites -- quite an achievement given that the allocation for amateur satellites at 435-438 MHz is on a non-interference basis. The second was his success in persuading the Canadian administration to give its active support to an amateur MF allocation,

which contributed greatly to our achieving the new allocation of 472-479 kHz at WRC-12. Once again, it was Ken's persistence that carried the day."

"Ken's chairmanship capped a long professional and volunteer career in engineering and spectrum management, and was marked by the successful effort to obtain a secondary international MF allocation for the Amateur Radio Service at 472-479 kHz," said ARRL Chief Technology Officer Brennan Price, N4QX. "Ken spent 15 years in his retirement representing the Radio Amateurs of Canada and the IARU at various meetings in Geneva. His professionalism, insight and positive attitude inspired and improved all who worked with him."

Licensed since he was a high school student in Manitoba, Pulfer received his first call sign, VE4KP, in 1949. Six years later, after coming to Ottawa to work for the Radio and Electrical Division of the Na-

tional Research Council of Canada, he became VE3PU. In 1984, Pulfer -- who was at the time the NRC's Senior Vice President -- received an honorary doctorate from the University of Manitoba, his alma mater, in recognition of his contributions as "a very distinguished engineer and Canadian." In 2012, the Radio Society of Great Britain awarded Pulfer with its annual Calcutta Key Award -- given for work associated with international friendship through Amateur Radio -- for his work on behalf of the IARU with the ITU.

"Amateur Radio's strong position in the international telecommunications community has only come about because of the willingness of remarkable people like Ken to contribute their talents and extremely generous portions of their time on our behalf," Sumner said. "Their effectiveness sometimes requires that they stay out of the limelight, but they should never be forgotten."

In accordance with Pulfer's wishes, no services are planned.

Brit Fader Scholarship

This scholarship is granted in memory of Brit Fader, VE1FQ, by the Brit Fader Scholarship Trust, a Canada Revenue Agency registered charity whose trustees are appointed by the Halifax Amateur Radio Club. The first grant was awarded in 2008

Applicant must be a licensed Canadian radio amateur who has made some contribution to amateur radio. The scholarship is to assist in cost of pursuing post-secondary education in a technical field, in electronics or electrical engineering. An application and one or two Referee's forms must be submitted to constitute a complete application. Both forms are downloadable from the RAC website and from the website of the Halifax Amateur Radio Club www.halifax-harc.org

To apply, send in the application and

at least one completed referee forms to Brit Fader Scholarship Trust, c/o Paul Radford, 208-5880 Spring Garden Road, Halifax. Nova Scotia B3H 1Y1.

Does the scholarship fund accept contributions? Yes. We prefer to receive donations to build an endowment by investing the principal and paying scholarships out of income. To do this, donations must be made on the basis of what Canada Revenue Agency calls a "10 year grant", which requires the donor to complete the attached authorization form, which we ask you to complete and enclose with your donation.

To donate, make cheques payable to Brit Fader Scholarship Trust and mail to the attention of Paul Radford, c/o Coady Filliter, Barristers & Solicitors, Suite 208, 5880 Spring

Garden Road, Halifax, Nova Scotia, Canada B3H 1Y1.

Donations are tax deductible. We are a registered charity with Canada Revenue Agency (registration # 0984971-25).

Exaggerations I Owe My Mother

My mother taught me MEDICAL SCIENCE.

"If you don't stop crossing your eyes, they are going to get stuck that way."

My mother taught me ESP.

"Put your sweater on; don't you think I know when you are cold?"

My mother taught me HUMOR.

"When that lawn mower cuts off your toes, don't come running to me."

My mother taught me HOW TO BECOME AN ADULT .

"If you don't eat your vegetables, you'll never grow up."



All members receive the newsletter.

☐ Same address as last year ☐ New address
☐ I would like newsletter as PDF E-Mail (Please note by taking newsletter online you save the Club significant mailing and printing costs)

Call Sign _____

First Name	Initial	Surname
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Street Address (Mailing)

City/Town	Province	Postal Code	Telephone Number
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Fees: ☐ Full Member, must be a licensed Amateur (\$30.00) ☐ Associate member (Non Voting) (\$15.00)

☐ Family membership (one newsletter) (\$30.00) + \$15.00 each additional person.* Amount submitted \$

* All Full Members will also be Members of NSARA

✉	Mail to: Membership Chair	CERT _____	CARD _____
	Halifax Amateur Radio Club		
	P.O. Box 8895	SEC _____	ENTERED _____
	Halifax, NS B3K 5M5		